BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Gym and Yoga building at Sundar nagara and Mineral water Unit in ward no: 17

DETAILED MEASUREMENTS(FIRST & PART BILL)

SL NO	DESCRIPTION OF ITEM	UNIT	NO	L	B	D	QTY	RATE	AMOUNT
1	KSRB 2-2.2 Earth work excavation for the foudation of buildings,water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m .in depth including dressing the bottom and side of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m . after breaking of clods complete as per specifications.								
	CF-1	CUM	2.00	4.95	3.00	3.00	89.10		
	CF-2		2.00	4.95	2.60	3.00	77.22		
	CF-3		1.00	4.35	4.80	3.00	62.64		
	F-2		3.00	2.80	3.00	3.00	75.60		
	F-3		4.00	2.60	2.80	3.00	87.36		
	F-4		1.00	2.40	2.60	3.00	18.72		
	Water Supply Line		1.00	35.00	12.00	0.75	315.00		
	Sanitary Line		1.00	30.00	0.60	1.50	27.00		
	Power cable line		1.00	30.00	0.75	1.50	33.75		
	Security Room		1.00	30.00	0.60	1.50	27.00		
			2.00	6.50	0.90	1.50	17.55		
	Plinth beam		2.00	4.95	0.90	1.50	13.37		
	grid A to G & Grid 1		1.00	5.60	0.80	1.50	6.72		
	grid 1 to 3 &grid A		1.00	2.05	0.80	1.50	2.46		
	grid A to F & grid 3		1.00	3.80	0.80	1.50	4.56		
	grid 1 to 2 & grid G		1.00	2.05	0.80	1.50	2.46		
	Entrance Arch		1.00	9.30	0.80	1.50	11.16		
	sump tank		1.00	3.00	3.00	1.50	13.50		
							885.17		
	Tender Quantity						**426.37**		
	Upto 125%						532.96	250.00	1,33,240.63
	Above 125 %						352.21	234.53	82,603.81
	SR 2016-17 Pg no: 5 Item No: 2.3								
	Basic Rate :	189							
	Area Weightage (8%):	15.12							
	Total:	204.12							
	T.P (14.90%) :	30.41							
	Grand Total:	234.53							
2	providing and laying plain cement concrete of mix M7.5 with OPC cement 2180kgs with 40mm and down size graded granite metal,coarse aggregates @0.86cum and fine aggregate @0.568cum machine mixed,concrete laid in layers not exceeding 15cms.thick,well compacted,in foundation,plinth and sills,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.								
	CF-1	CUM	2.00	4.55	2.60	0.20	4.73		
	CF-2		2.00	4.55	2.20	0.20	4.00		
	CF-3		1.00	3.90	4.40	0.20	3.43		
	F-2		3.00	2.40	2.60	0.20	3.74		
	F-3		4.00	2.20	2.60	0.20	4.58		
	F-4		1.00	2.00	2.20	0.20	0.88		
	PCC FOR SSM WORK		1.00	23.00	0.60	0.20	2.76		
			1.00	7.60	0.60	0.20	0.91		
			1.00	18.00	0.60	0.20	2.16		
			1.00	6.00	0.60	0.20	0.72		
			1.00	5.50	0.60	0.20	0.66		
			1.00	3.50	0.60	0.20	0.42		
			1.00	10.00	0.60	0.20	1.20		
	ENTRANCE ARCH		1.00	6.50	0.60	0.20	0.78		
	SECURITY GUARD ROOM		1.00	4.95	0.60	0.20	0.59		
	Stilt floor pcc work		2.00	4.85	3.75	0.20	7.28		
	Gents room & ladies room		1.00	8.10	7.40	0.20	11.99		
	hall		1.00	4.50	2.35	0.20	2.12		
	stair case area		1.00	4.50	2.50	0.20	2.25		
	security guard room		1.00	5.85	3.50	0.20	4.10		
	entrance arch								

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allround building									
			1.00	23.00	1.00	0.20	4.60		
			1.00	7.60	1.00	0.20	1.52		
			1.00	5.50	2.00	0.20	2.20		
			1.00	5.00	2.00	0.20	2.00		
sump tank			1.00	21.00	3.00	0.20	12.60		
cobbles stones work			1.00	5.00	4.50	0.20	4.50		
			1.00	21.00	6.00	0.20	25.20		
			1.00	7.60	6.00	0.20	9.12		
			2.00	6.00	6.00	0.20	7.20		
Tender Quantity							128.24		
Upto 125%							37.14		
Above 125 %							46.43	4,500.00	2,08,912.50
SR 2016-17 Pg no: 12 Item No: 4.3							81.81	6,039.56	4,94,108.48
Basic Rate :									
Area Weightage (8%):	4867								
Total:	389.36								
T.P (14.90%) :	5256.36								
Grand Total:	783.20								
	6039.56								
3	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @340kgs, with 20mm and down size graded granite metal coarse aggregate @0.70cum and fine aggregate @0.47cum, with super plasticiser @3 liter confirming to IS 9103-1999 reafirmed-2008 at machine mixed , concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing, pedastals, retaining walls, walls (anythickness) including attached pilasters, columnspillars, posts , struts, buttrenesses, bed block, anchor block and plinth etc. including the cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specification. SR 2016-17 Pg no: 13 Item No: 4.10									
	cum								
CF-1		2.00	4.35	2.40	0.70	14.62			
CF-2		3.00	4.35	2.00	0.70	18.27			
CF-3		1.00	3.70	4.20	0.70	10.88			
F-2		3.00	2.20	2.40	0.70	11.09			
F-3		4.00	2.00	2.20	0.70	12.32			
F-4		1.00	1.80	2.00	0.70	2.52			
CF-1		2.00	4.35	0.60	0.70	3.65			
CF-2		2.00	4.35	0.60	0.70	3.65			
						77.00			
Tender Quantity						48.60			
Basic Rate	6221					60.75	6,750.00	4,10,062.50	
Area Weightage (8%)	497.68					16.25	7,719.76	1,25,446.10	
Total	6718.68								
T.P (14.90%)	1001.083								
Grand Total	7719.763								
4	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @340kgs, with 20mm and down size graded granite metal coarse aggregate @0.70cum and fine aggregate @0.47cum, with super plasticiser @3 liter confirming to IS 9103-1999 reafirmed-2008 at machine mixed , concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing, pedastals, retaining walls, walls (anythickness) including attached pilasters, columnspillars, posts , struts, buttrenesses, bed block, anchor block and plinth etc. including the cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specification. SR 2016-17 Pg no: 13 Item No: 4.10									
Column concrete upto plinth beam level									
(200*450)-C2,C4		3.00	0.45	0.20	2.40	0.65			
(200*600)-C6		2.00	0.60	0.30	2.70	0.97			
(200*450)-C1,C2,C3,C5		10.00	0.45	0.20	2.70	2.43			
plinth beam concrete						-			
PB1(200*450)		2.00	3.95	0.20	0.45	0.71			
PB1(200*450)		2.00	7.55	0.20	0.45	1.36			
PB2(200*450)		2.00	2.30	0.20	0.45	0.41			
PB1(200*450)		1.00	5.50	0.20	0.45	0.50			
		1.00	22.00	0.45	0.30	2.97			
		1.00	7.35	0.45	0.30	0.99			
		1.00	16.60	0.45	0.30	2.24			
		1.00	5.50	0.45	0.30	0.74			
		1.00	4.70	0.45	0.30	0.63			
		1.00	2.50	0.15	0.30	0.11			

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	ground floor column concrete								
	(200*450)						-		
	(200*450)		9.00	0.45	0.20	3.95	3.20		
	(200*450)		2.00	0.45	0.20	4.60	0.83		
	(200*600)		4.00	0.45	0.20	4.00	1.44		
	(200*450)-C2,C3		2.00	0.60	0.20	4.00	0.96		
	(200*450)-C1,C2,C3		5.00	0.45	0.20	2.60	1.17		
	(200*600)-C6		10.00	0.45	0.20	1.20	1.08		
	(200*450)		2.00	0.60	0.20	1.20	0.29		
	(200*450)		9.00	0.45	0.20	3.95	3.20		
	(200*450)		2.00	0.45	0.20	4.60	0.83		
	(200*600)		4.00	0.45	0.20	4.00	1.44		
	sump tank (raft)		2.00	0.60	0.20	4.00	0.96		
	wall		1.00	3.50	3.50	0.20	2.45		
			2.00	3.50	0.20	3.50	4.90		
	sump tank slab		2.00	4.00	0.20	3.50	5.60		
			1.00	3.50	3.50	0.30	3.68		
	Tender Quantity						**46.74**		
	Basic Rate						**17.51**		
	Area Weightage (8%)	6221					21.89	6,750.00	1,47,740.63
	Total	497.68					24.85	7,719.76	1,91,853.41
	T.P (14.90%)	6718.68							
	Grand Total	1001.083							
		7719.763							
7	Providing and laying in position reinforced cement concrete of mix M20 using 20mm and downsize granite jelly,machine mixed,concrete laid in layers not exceeding 15cms thk,vibrated fir RCC beams,columns of all sizes in foundation plinth and super structure ground floor level for all roof slabs,stair case,lintels,columns,including cost of all materials,labour,HOM of machinery,curing,complete as per specifications....GROUND FLOOR D1								
	stair case (1st flight & 3rd flight)	**CUM**							
	mid landing beam (200*450)		2.00	3.50	0.20	0.45	0.63		
	landing slab		2.00	2.80	1.30	0.15	1.09		
	steps		18.00	1.10	0.30	0.16	0.95		
			1.00	1.10	0.60	0.60	0.40		
	2nd flight		1.00	3.50	0.20	0.45	0.32		
	mid landing beam (200*450)		1.00	5.50	0.20	0.45	0.50		
	landing slab		1.00	2.50	1.10	0.15	0.41		
	steps		9.00	1.10	0.30	0.16	0.48		
							4.77		
	Tender Quantity						**1.38**		
	Upto 125%						1.73	6,750.00	11,643.75
	Above 125 %						3.04	7,641.59	23,238.84
	SR 2016-17 Pg no: 14 Item No: 4.13								
	Basic Rate :	6158							
	Area Weightage (8%):	492.64							
	Total:	6650.64							
	T.P (14.90%) :	990.95							
	Grand Total:	7641.59							
8	Providing and laying in position reinforced cement concrete of mix M20 using 20mm and downsize granite jelly,machine mixed,concrete laid in layers not exceeding 15cms thk,vibrated fir RCC beams,columns of all sizes in foundation plinth and super structure ground floor level for all roof slabs,stair case,lintels,columns,including cost of all materials,labour,HOM of machinery,curing,complete as per specifications....FIRST FLOOR D1								
	stair case (1st flight & 3rd flight)	**CUM**							
	mid landing beam (200*450)		2.00	3.15	0.20	0.45	0.57		
	landing slab		2.00	2.50	1.30	0.15	0.98		
	steps		18.00	1.10	0.30	0.16	0.95		
	2nd flight								
	mid landing beam (200*450)		1.00	5.50	0.20	0.45	0.50		
	landing slab		1.00	2.50	1.10	0.15	0.41		
	steps		9.00	1.10	0.30	0.16	0.48		
							3.88		
	Tender Quantity						**1.38**		
	Upto 125%						1.73	6,750.00	11,643.75
	Above 125 %						2.15	7,641.59	16,430.18
	SR 2016-17 Pg no: 14 Item No: 4.13								
	Basic Rate :	6158							

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	Area Weightage (8%):	492.64							
	Total:	6650.64							
	T.P (14.90%) :	990.95							
	Grand Total:	7641.59							
16	Providing & laying in position reinforced cement concrete of mix M20 with 12mm and down size graded granite metal,machine mixed,well compacted for chajja of 8.5cms averages thickness, upto ground floor level,including cost of all materials,labour,HOM of machinery, finishing,curing,complete as per specifications....ground floor								
	W1	SQM	2.00	3.30	0.75		4.95		
	W2		2.00	1.50	0.60		1.80		
	W3		1.00	2.50	0.60		1.50		
	V		2.00	1.20	0.60		1.44		
	V1		2.00	1.50	0.60		1.80		
							11.49		
	Tender Quantity						**5.40**		
	Upto 125%						6.75	750.00	5,062.50
	Above 125 %						4.74	565.86	2,682.18
	SR 2016-17 Pg no: 14 Item No: 4.19								
	Basic Rate :	456							
	Area Weightage (8%):	36.48							
	Total:	492.48							
	T.P (14.90%) :	73.38							
	Grand Total:	565.86							
17	Providing & laying in position reinforced cement concrete of mix M20 with 12mm and down size graded granite metal,machine mixed,well compacted for chajja of 8.5cms averages thickness, upto ground floor level,including cost of all materials,labour,HOM of machinery, finishing,curing,complete as per specifications....First floor								
	W1,W2,W,W2,W1,V	SQM	1.00	21.09	0.75		15.82		
	W2		7.00	1.50	0.60		6.30		
	W3		2.00	0.90	0.60		1.08		
	V1		1.00	1.20	0.60		0.72		
							23.92		
	Tender Quantity						**5.40**		
	Upto 125%						6.75	750.00	5,062.50
	Above 125 %						17.17	565.86	9,714.40
	SR 2016-17 Pg no: 14 Item No: 4.19								
	Basic Rate :	456							
	Area Weightage (8%):	36.48							
	Total:	492.48							
	T.P (14.90%) :	73.38							
	Grand Total:	565.86							
18	Providing & laying in position reinforced cement concrete of mix M20 with 12mm and down size graded granite metal,machine mixed,well compacted for chajja of 8.5cms averages thickness, upto ground floor level,including cost of all materials,labour,HOM of machinery, finishing,curing,complete as per specifications....Second floor								
		SQM							
	w1		1.00	2.30	0.60				
	w2		1.00	1.50	0.60		0.90		
							2.28		
19	Providing TMT steel reinforcement for R.C.C work including straightening ,cutting,bending,hooking,placing in position,lapping and /or welding wherever required,tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of all materials,labour,HOM of machinary complete as per specifications....for footings (steel=1.075qtl)								
	Footing Reinforcement	METRIC TONNE				kgs			
	CF-1 (12mm)		40.00	4.95		0.89	176.22		
			70.00	3.00		0.89	186.90		
	CF-2 (12mm)		34.00	4.95		0.89	265.91	136.17	
			70.00	2.60		0.89	287.56	161.98	
	CF-3 (12mm)		29.00	4.20		0.89	108.40		
			25.00	4.70		0.89	104.58		
	F-2 (12mm)		60.00	2.70		0.89	144.18		
			54.00	2.90		0.89	139.37		
	F-3 (12mm)		60.00	2.50		0.89	133.50		
			56.00	2.70		0.89	134.57		
	F-4 (12mm)		12.00	2.30		0.89	24.56		

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Stub Beam Reinforcement							
CF-1 (20mm)		11.00	2.50		0.89	24.48	
Rings (10mm)							
CF-2 (20mm)		30.00	4.70		2.47	348.27	
Rings (10mm)		69.00	1.64		0.61	69.03	
Column Reinforcement		15.00	4.75		2.47	175.99	
C1(200*450) 25mm		69.00	1.65		0.61	69.45	
Rings(8mm)		8.00	5.50		3.85	169.40	
		8.00	6.50		3.85	200.20	
C2(200*450) 20mm		50.00	1.50		0.39	29.25	
		50.00	0.87		0.39	16.97	
Rings(8mm)		20.00	5.50		2.47	271.70	
		20.00	6.50		2.47	321.10	
C3(200*450) 16mm		125.00	1.50		0.39	73.13	
20mm		125.00	0.87		0.39	42.41	
Rings(8mm)		24.00	5.50		1.58	208.56	
		24.00	6.50		2.47	385.32	
C4(200*450)		150.00	1.50		0.39	87.75	
		150.00	0.87		0.39	50.90	
Rings(8mm)		4.00	5.50		1.58	34.76	
		4.00	6.50		1.58	41.08	
C5(200*450)		25.00	1.50		0.39	14.63	
		25.00	0.87		0.39	8.48	
		2.00	5.50		1.58	17.38	
		2.00	6.50		1.58	20.54	
		2.00	5.50		0.89	9.79	
Rings(8mm)		2.00	6.50		0.89	11.57	
		25.00	1.50		0.39	14.63	
C6(200*600)		25.00	0.87		0.39	8.48	
		8.00	5.50		3.85	169.40	
Rings(8mm)		8.00	6.50		3.85	200.20	
		50.00	1.80		0.39	35.10	
		50.00	1.02		0.39	19.89	
Plinth Beam Reinforcement		12.00	4.68		1.58	88.73	
PB1 (200*450)		60.00	1.50		0.39	35.10	
PB2 (200*450)		8.00	3.03		1.58	38.30	
Rings(8mm)		34.00	1.50		0.39	19.89	
PB1 (200*450)		12.00	8.08		1.58	153.20	
Rings(8mm)		114.00	1.50		0.39	66.69	
PB2 (200*450)		4.00	6.03		1.58	38.11	
Rings(8mm)		33.00	1.50		0.61	29.70	
PB1 (200*450)		6.00	5.50		1.58	52.14	
Rings(8mm)		36.00	1.50		0.39	21.06	
grid A to G & grid 1		6.00	23.00		0.89	122.82	
Rings(8mm)		192.00	1.40		0.39	104.83	
grid 1 to 4 & grid A		6.00	7.70		0.89	41.12	
Rings(8mm)		51.00	1.40		0.39	27.85	
grid A to F & grid 4		6.00	16.63		0.89	88.80	
Rings(8mm)		144.00	1.40		0.39	78.62	
grid F to G & grid 3		6.00	6.00		0.89	32.04	
Rings(8mm)		45.00	1.40		0.39	24.57	
grid 1 to 3 & grid G		6.00	6.50		0.89	34.71	
Rings(8mm)		33.00	1.40		0.39	18.02	
grid 3 to4 & grid F		6.00	2.70		0.89	14.42	
Rings(8mm)		20.00	1.40		0.39	10.92	
Arch		6.00	9.80		0.89	52.33	
Rings(8mm)		100.00	1.40		0.39	54.60	
Column Lappimg C1 (200*450)		16.00	6.00		3.85	369.60	
Rings(8mm)		38.00	1.50		0.39	22.23	
		38.00	0.87		0.39	12.89	
C2 (200*450)		40.00	6.00		2.47	592.80	
Rings(8mm)		95.00	1.50		0.39	55.58	
		95.00	0.87		0.39	32.23	
C3 (200*450)		24.00	6.00		2.47	355.68	
		24.00	6.00		1.58	227.52	
Rings(8mm)		114.00	1.50		0.39	66.69	
		114.00	0.87		0.39	38.68	

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C4 (200*450)						
Rings(8mm)	8.00	6.00	1.58	75.84		
	19.00	1.50	0.39	11.12		
C5 (200*450)	19.00	0.87	0.39	6.45		
	4.00	6.00	1.58	37.92		
Rings(8mm)	4.00	6.00	0.89	21.36		
	19.00	1.50	0.39	11.12		
C6 (200*600)	19.00	0.87	0.39	6.45		
Rings(8mm)	16.00	6.00	3.85	369.60		
	38.00	1.70	0.39	25.19		
Tie Beam Reinforcement	38.00	1.02	0.39	15.12		
B1(200*450)						
Rings(8mm)	4.00	22.40	2.47	221.31		
B1,B2,B4,B5(200*450)	200.00	1.50	0.39	117.00		
Rings(8mm)	16.00	7.95	2.47	314.18		
B7(200*450)	318.00	1.50	0.39	186.03		
Rings(8mm)	8.00	5.25	2.47	103.74		
B8(200*450)	60.00	1.50	0.39	35.10		
Rings(8mm)	4.00	5.85	2.47	57.80		
B9 (200*450)	58.00	1.50	0.39	33.93		
Rings(8mm)	12.00	4.50	2.47	133.38		
Chajja Reinforcement	90.00	1.50	0.39	52.65		
W1	16.00	3.30	0.89	46.99		
W2	66.00	0.95	0.89	55.80		
	14.00	1.50	0.89	18.69		
V	32.00	0.60	0.89	17.09		
	14.00	1.20	0.89	14.95		
V1	24.00	0.60	0.89	12.82		
	14.00	1.50	0.89	18.69		
Toilet & Dressing Room	12.00	0.60	0.89	6.41		
	44.00	4.20	1.58	291.98		
beam (200*200)	78.00	2.50	1.58	308.10		
	8.00	4.40	1.58	55.62		
secutity guard room	76.00	1.00	1.58	120.08		
	58.00	2.50	1.58	229.10		
stair case reinforcement	26.00	5.70	1.58	234.16		
landing beam (200*450)	18.00	2.80	1.58	79.63		
landing	51.00	1.50	0.39	29.84		
	27.00	2.90	0.89	69.69		
	51.00	1.50	0.89	68.09		
	24.00	2.60	0.89	55.54		
	36.00	4.40	0.89	140.98		
	27.00	2.60	0.89	62.48		
	45.00	1.10	0.39	19.31		
	27.00	2.50	0.39	26.33		
	51.00	1.30	0.39	25.86		
	45.00	0.70	0.39	12.29		
chairs						
Ground Floor Beams B1(200*450)	2.00	23.50	2.47	116.09		
	2.00	0.80	3.85	6.16		
	2.00	23.50	1.58	74.26		
	2.00	0.60	1.58	1.90		
	110.00	1.50	0.39	64.35		
Rings(8mm)	2.00	1.57	3.85	12.05		
	2.00	4.13	3.85	31.76		
	2.00	4.10	3.85	31.57		
	2.00	2.95	3.85	22.72		
	2.00	1.82	3.85	14.01		
	2.00	2.50	3.85	19.25		
	2.00	2.73	3.85	20.98		
	2.00	2.50	3.85	19.25		
	2.00	3.00	3.85	23.10		
	3.00	9.00	2.47	66.69		
B2 (200*450)	3.00	9.00	3.85	103.95		
	3.00	6.00	3.85	69.30		
	70.00	1.75	0.39	47.78		
	2.00	23.50	3.85	180.95		
B3 (200*450)	2.00	5.70	3.85	43.89		

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			2.00	9.20		3.85	70.84		
			2.00	9.20		1.58	29.07		
			2.00	1.62		2.47	7.98		
			4.00	4.15		3.85	63.91		
			4.00	4.15		3.85	63.91		
			2.00	2.95		2.47	14.57		
			2.00	1.82		2.47	8.97		
			3.00	2.50		0.89	6.68		
			2.00	3.00		1.58	9.48		
			80.00	1.70		0.39	53.04		
			80.00	1.60		0.39	49.92		
			2.00	2.50		1.58	7.90		
	B3B (200*450)		2.00	5.80		3.85	44.66		
			2.00	16.63		2.47	82.15		
			2.00	5.62		2.47	27.74		
			2.00	8.83		3.85	67.99		
			2.00	4.27		3.85	32.84		
			2.00	1.57		2.47	7.73		
			4.00	5.15		3.85	79.31		
			4.00	5.15		3.85	79.31		
			2.00	1.57		2.47	7.73		
			2.00	2.50		1.58	7.90		
			2.00	5.60		3.85	43.12		
			2.00	2.50		1.58	7.90		
			46.00	1.17		0.39	20.99		
	B4 (200*450)		70.00	1.47		0.39	40.13		
			4.00	7.78		1.58	49.17		
			2.00	4.17		2.47	20.58		
			2.00	1.87		2.47	9.21		
			2.00	3.17		2.47	15.65		
	B5 (200*600)		46.00	1.50		0.39	26.91		
			4.00	7.88		2.47	77.85		
			4.00	7.88		1.58	49.80		
			4.00	4.25		3.85	65.45		
			4.00	1.92		3.80	29.49		
			4.00	3.17		2.47	31.31		
			90.00	1.70		0.39	59.67		
	B6 (200*450)		4.00	7.78		1.58	49.17		
			40.00	1.50		0.39	23.40		
	B7 (200*450)		4.00	5.37		1.58	33.94		
			4.00	1.87		2.47	18.43		
			2.00	3.39		2.47	16.75		
			41.00	1.50		0.39	23.99		
	B4A (200*450)		4.00	5.13		1.58	32.42		
			2.00	1.87		1.58	5.91		
			2.00	2.95		1.58	9.32		
			25.00	1.50		0.39	14.63		
	B3A (200*450)		9.00	11.10		1.58	157.84		
			58.00	1.50		0.39	33.93		
	B5A (200*450)		4.00	10.48		1.58	66.23		
			2.00	6.15		3.85	47.36		
			64.00	1.50		0.39	37.44		
			16.00	5.00		2.47	197.60		
	CB		200.00	0.72		0.39	56.16		
			50.00	5.35		0.61	163.18		
	Ground Floor Slab S1		26.00	7.54		0.39	76.46		
			50.00	5.55		0.61	169.28		
			26.00	7.74		0.39	78.48		
			100.00	1.40		0.39	54.60		
			16.00	7.40		0.39	46.18		
			50.00	1.70		0.61	51.85		
			20.00	3.95		0.61	48.19		
			50.00	2.40		0.39	46.80		
			20.00	3.95		0.61	48.19		
			32.00	4.10		0.61	80.03		
			12.00	4.30		0.61	31.48		
			75.00	0.90		0.39	26.33		
	S2								

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			15.00	4.10		0.39	23.99		
			33.00	5.50		0.61	110.72		
			33.00	5.50		0.61	110.72		
			63.00	2.50		0.61	96.08		
			63.00	2.70		0.61	103.76		
	Hall		19.00	8.45		0.89	142.89		
			19.00	8.70		0.89	147.12		
			33.00	7.85		0.89	230.55		
			33.00	8.20		0.89	240.83		
			42.00	0.95		0.89	35.51		
			5.00	8.60		0.89	38.27		
			82.00	1.70		0.89	124.07		
			10.00	8.60		0.89	76.54		
			58.00	2.60		0.89	134.21		
			10.00	7.60		0.89	67.64		
	Arch		72.00	2.80		0.89	179.42		
			35.00	1.60		0.89	49.84		
			10.00	9.30		0.89	82.77		
			16.00	2.70		0.89	38.45		
			30.00	9.80		0.89	261.66		
			98.00	5.50		0.89	479.71		
	CB		16.00	9.30		2.47	367.54		
			200.00	0.75		0.39	58.50		
							19,020.97		
							18.92		
	Tender Quantity						**14.20**		
	Upto 125%						17.75	71,000.00	12,60,250.00
	Above 125 %						1.25	69,553.57	86,941.96
	SR 2016-17 Pg no: 14 Item No: 4.19								
	Basic Rate :	56050							
	Area Weightage (8%):	4484							
	Total:	60534							
	T.P (14.90%) :	9019.57							
	Grand Total:	69553.57							
20	Providing TMT steel reinforcement for R.C.C work including straightening ,cutting,bending,hooking,placing in position,lapping and /or welding wherever required,tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of all materials,labour,HOM of machinary complete as per specifications....for first floor								
	Column Lappimg C1 (200*450)	METRIC TONNE	16.00	4.00		3.85	246.40		
	Rings(8mm)		38.00	1.50		0.39	22.23		
			38.00	0.87		0.39	12.89		
	C2 (200*450)		40.00	4.00		2.47	395.20		
	Rings(8mm)		95.00	1.50		0.39	55.58		
			95.00	0.87		0.39	32.23		
	C3 (200*450)		24.00	4.00		2.47	237.12		
			24.00	4.00		1.58	151.68		
	Rings(8mm)		114.00	1.50		0.39	66.69		
			114.00	0.87		0.39	38.68		
	C4 (200*450)		8.00	4.00		1.58	50.56		
	Rings(8mm)		19.00	1.50		0.39	11.12		
			19.00	0.87		0.39	6.45		
	C5 (200*450)		4.00	4.00		1.58	25.28		
			4.00	4.00		0.89	14.24		
	Rings(8mm)		19.00	1.50		0.39	11.12		
			19.00	0.87		0.39	6.45		
	C6 (200*600)		16.00	4.00		3.85	246.40		
	Rings(8mm)		38.00	1.70		0.39	25.19		
			38.00	1.02		0.39	15.12		
	Tie Beam Reinforcement								
	B1(200*450)		4.00	22.40		2.47	221.31		
	Rings(8mm)		200.00	1.50		0.39	117.00		
	B1,B2,B4,B5(200*450)		16.00	7.95		2.47	314.18		
	Rings(8mm)		318.00	1.50		0.39	186.03		
	B7(200*450)		8.00	5.25		2.47	103.74		
	Rings(8mm)		60.00	1.50		0.39	35.10		

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B8(200*450)		4.00	5.85		2.47	57.80		
Rings(8mm)		58.00	1.50		0.39	33.93		
B9 (200*450)		12.00	4.50		2.47	133.38		
Rings(8mm)		90.00	1.50		0.39	52.65		
Chajja Reinforcement		16.00	3.30		0.89	46.99		
W1		66.00	0.95		0.89	55.80		
W2		14.00	1.50		0.89	18.69		
		32.00	0.60		0.89	17.09		
V		14.00	1.20		0.89	14.95		
		24.00	0.60		0.89	12.82		
V1		14.00	1.50		0.89	18.69		
		12.00	0.60		0.89	6.41		
Toilet & Dressing Room		44.00	4.20		1.58	291.98		
		78.00	2.50		1.58	308.10		
beam (200*200)		8.00	4.40		1.58	55.62		
		76.00	1.00		1.58	120.08		
secutity guard room		58.00	2.50		1.58	229.10		
		26.00	5.70		1.58	234.16		
stair case reinforcement		18.00	2.80		1.58	79.63		
landing beam (200*450)		51.00	1.50		0.39	29.84		
landing		27.00	2.90		0.89	69.69		
		51.00	1.50		0.89	68.09		
		24.00	2.60		0.89	55.54		
		36.00	4.40		0.89	140.98		
		27.00	2.60		0.89	62.48		
		45.00	1.10		0.39	19.31		
		27.00	2.50		0.39	26.33		
		51.00	1.30		0.39	25.86		
chairs		45.00	0.70		0.39	12.29		
Ground Floor Beams B1(200*450)		2.00	23.50		2.47	116.09		
		2.00	0.80		3.85	6.16		
		2.00	23.50		1.58	74.26		
		2.00	0.60		1.58	1.90		
Rings(8mm)		175.00	1.50		0.89	233.63		
		2.00	1.57		3.85	12.05		
		2.00	4.13		3.85	31.76		
		2.00	4.10		3.85	31.57		
		2.00	2.95		3.85	22.72		
		2.00	1.82		3.85	14.01		
		2.00	2.50		3.85	19.25		
		2.00	2.73		3.85	20.98		
		2.00	2.50		3.85	19.25		
		2.00	3.00		3.85	23.10		
		3.00	9.00		2.47	66.69		
B2 (200*450)		3.00	9.00		3.85	103.95		
		3.00	6.00		3.85	69.30		
		100.00	1.75		0.39	68.25		
		2.00	23.50		3.85	180.95		
B3 (200*450)		2.00	5.70		3.85	43.89		
		2.00	9.20		3.85	70.84		
		2.00	9.20		1.58	29.07		
		2.00	1.62		2.47	7.98		
		4.00	4.15		3.85	63.91		
		4.00	4.15		3.85	63.91		
		2.00	2.95		2.47	14.57		
		2.00	1.82		2.47	8.97		
		3.00	2.50		0.89	6.68		
		2.00	3.00		1.58	9.48		
		80.00	1.70		0.39	53.04		
		80.00	1.60		0.39	49.92		
		2.00	2.50		1.58	7.90		
		2.00	5.80		3.85	44.66		
		2.00	16.63		3.85	128.05		
		2.00	5.62		3.85	43.24		
B3B (200*450)		2.00	8.83		3.85	67.99		
		2.00	4.27		3.85	32.84		
		2.00	1.57		2.47	7.73		

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			4.00	5.15		3.85	79.31		
			4.00	5.15		3.85	79.31		
			2.00	1.57		2.47	7.73		
			2.00	2.50		1.58	7.90		
			2.00	5.60		3.85	43.12		
			2.00	2.50		1.58	7.90		
			46.00	1.17		0.39	20.99		
			70.00	1.47		0.39	40.13		
B4 (200*450)			6.00	7.78		3.85	179.72		
			2.00	4.17		2.47	20.58		
			2.00	1.87		2.47	9.21		
			2.00	3.17		2.47	15.65		
			46.00	1.50		0.39	26.91		
B5 (200*600)			6.00	7.88		3.85	182.03		
			4.00	7.88		1.58	49.80		
			4.00	4.25		3.85	65.45		
			4.00	1.92		3.85	29.49		
			4.00	3.17		2.47	31.31		
			90.00	1.70		0.39	59.67		
B6 (200*450)			4.00	7.78		1.58	49.17		
			40.00	1.50		0.39	23.40		
B7 (200*450)			4.00	5.37		1.58	33.94		
			4.00	1.87		2.47	18.43		
			2.00	3.39		2.47	16.75		
			41.00	1.50		0.39	23.99		
B4A (200*450)			4.00	5.13		2.47	50.68		
			2.00	1.87		1.58	5.91		
			2.00	2.95		1.58	9.32		
			25.00	1.50		0.39	14.63		
B3A (200*450)			9.00	11.10		1.58	157.84		
			58.00	1.50		0.39	33.93		
B5A (200*450)			4.00	10.48		1.58	66.23		
			2.00	6.15		3.85	47.36		
			64.00	1.50		0.39	37.44		
CB			16.00	5.00		2.47	197.60		
			200.00	0.72		0.39	56.16		
Ground Floor Slab	S1		50.00	5.35		0.61	163.18		
			26.00	7.54		0.39	76.46		
			50.00	5.55		0.61	169.28		
			26.00	7.74		0.39	78.48		
			100.00	1.40		0.39	54.60		
			16.00	7.40		0.39	46.18		
			50.00	1.70		0.61	51.85		
			20.00	3.95		0.61	48.19		
			50.00	2.40		0.39	46.80		
			20.00	3.95		0.61	48.19		
			32.00	4.10		0.61	80.03		
			12.00	4.30		0.61	31.48		
			75.00	0.90		0.39	26.33		
S2			15.00	4.10		0.39	23.99		
			33.00	5.50		0.61	110.72		
			33.00	5.50		0.61	110.72		
			63.00	2.50		0.61	96.08		
			63.00	2.70		0.61	103.76		
			19.00	8.45		0.89	142.89		
			19.00	8.70		0.89	147.12		
Hall			33.00	7.85		0.89	230.55		
			33.00	8.20		0.89	240.83		
			42.00	0.95		0.89	35.51		
			5.00	8.60		0.89	38.27		
			82.00	1.70		0.89	124.07		
			10.00	8.60		0.89	76.54		
			58.00	2.60		0.89	134.21		
			10.00	7.60		0.89	67.64		
			72.00	2.80		2.47	497.95		
			35.00	1.60		2.47	138.32		
Arch			10.00	9.30		0.89	82.77		

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